

80067-0
PRIORITY

OUT60661

P 140212Z DEC 66

FM NPIC WASHDC

TO AIG NINE SEVEN FIVE

BT

SECRET CITE NPIC 9325.

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-934, 12 DEC 66.

(TEXT WHICH FOLLOWED WAS IDENTICAL TO MISSION CITED ABOVE.)

S E C R E T

--END OF MESSAGE--

14 DEC 1966		
DISPATCH		
TO	FROM	REMARKS
✓	INFO	
✓	CS	
	SEC DE	
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	SAO	
	INFO	
	PO	
	PSO	
	PRO-TER	
	TID	
	SAO	
3	PRC	
	DIA-X-4	
	SPAD	
	STA-LO	
	DIA-AP	

S/C NOTE: ALSO PASSED

SECRET

GROUP 1 25X1
Excluded from automatic
downgrading and
declassification

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-934, 12 DEC 66.

PJV-

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

PLEASE

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMIDARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAG@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS

G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES --

LIGHT @ZPU-2, ZPU-4, AND 37MM@, MEDIUM @57MM AND 85MM@, AND HEAVY @100MM AND LARGER@. WHERE SUCH A CATEGORY CANNOT BE DETERMINED,

THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

CIFUENTES SAM ASSEMBLY AREA CU 2236N 08005W

OB -- 19 MISSILE TRANSPORTERS @3 WITH EXPOSED MISSILES, 4 CANVAS COVERED@, APPROXIMATELY 60 MISSILE CANISTERS, 10 ZIL-157V TRUCK TRACTORS, AND 4 CARGO TRUCKS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 7 MISSILE TRANSPORTERS, AND AN OCCUPIED CENTRAL GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

MALDONADO SAM SITE A18-2 CU 2012N 07528W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 7 MISSILE TRANSPORTERS @4 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH 1 ASSOCIATED VAN, 11 TRACKED PRIME MOVERS, AND 5 CARGO TRUCKS.

25X1

SANTA CLARA SAM SITE A34-2 CU 2229N 08000W

CONSTRUCTION CONTINUES ON PERMANENT SITE.
OB @ADJACENT TEMPORARY SITE@ -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES@, 9 MISSILE TRANSPORTERS @3 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 5 ZIL-157V TRUCK TRACTORS, 10 CARGO TRUCKS, AND 2 VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 7 MISSILE TRANSPORTERS @2 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, A PROBABLE ACQUISITION RADAR WITH 1 ASSOCIATED VAN TRAILER, AND 12 ZIL-157V TRUCK TRACTORS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W

OB -- 5 FAN SONG TRAILERS AND 10 OTHER VEHICLES

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SAN PEDRO DE CACOCUM SAM SITE 1 CU 2047N 07615W

SITE IS VACATED.

OB -- NONE OBSERVED.

25X1

SAN PEDRO DE CACOCUM SAN SITE 2 CU 2045N 07615W
CONSTRUCTION ON SITE IS APPARENTLY COMPLETE. SITE
CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED
CENTRAL GUIDANCE AREA, 3 REVETTED MISSILE-HOLD
POSITIONS, AND 8 SUPPORT BUILDINGS.

OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES, 8 MISSILE
TRANSPORTERS, AN OCCUPIED CENTRAL GUIDANCE AREA WITH
FAN SONG RADAR AND 6 ASSOCIATED VAN TRAILERS, AND 4

OTHER VEHICLES/PIECES OF EQUIPMENT.

25X1

LA MAYA SAM SITE CU 2014N 07540W

SITE REMAINS UNDER CONSTRUCTION.

ACTIVITY -- 1 HOUND ADJACENT TO SITE.

25X1

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W

OB -- 3 FARMER, 18 FAGOT/FRESCO, AND 3 HOUND.

25X1

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W

OB -- 1 CRATE, 2 C-46, 1 LIGHT STRAIGHT-WING, AND 16
PROBABLE HOUND.

25X1

HOLGUIN AIRFIELD CU 2047N 07618W

OB -- 3 FAGOT/FRESCO.

ACTIVITY -- 3 OCCUPIED 6-GUN AAA SITES.

25X1

LOS CANOS AIRFIELD CU 2005N 07509W

OB -- NONE OBSERVED.

25X1

ANTONIO MACEO AIRFIELD CU 1958N 07550W

OB -- 1 C-47.

25X1

NAVAL ACTIVITY/PORTS

LA ISABELA PORT CU 2256N 08000W

VESSELS -- NONE OBSERVED.

25X1

CAIBARIEN PORT CU 2231N 07928W

VESSELS -- NONE OBSERVED.

25X1

ELECTRONICS/COMMUNICATIONS

SANTA CLARA EW/GCI RADAR SITE CU 2229N 07956W

OB -- 1 BAR LOCK AND 1 ROCK CAKE/STONE CAKE RADAR.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

25X1

SAGUA LA GRANDE EW/GCI RADAR SITE 2 CU 2248N 08006W

OB -- 1 TOKEN-TYPE RADAR.

ACTIVITY -- 2 VAN TRUCKS, 3 VAN TRAILERS, AND 1

OCCUPIED 6-GUN AAA SITE.

25X1

SAN MIGUEL EW/GCI RADAR SITE CU 2229N 07953W

OB -- 1 TOKEN-TYPE AND 1 ROCK CAKE/STONE CAKE RADAR.

ACTIVITY -- 6 VAN TRUCKS.

25X1

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W

OB -- 28 TANKS/SP GUNS, 38 FA PIECES, 17 PROBABLE

BTR-60-P, AND 85 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES

NO NEW MILITARY ACTIVITY OBSERVED.

2 AREAS 1 AND 5 -- 5 PERCENT USEABLE COVERAGE.

AREA 2 -- 20 PERCENT USEABLE COVERAGE.

AREA 3 -- 30 PERCENT USEABLE COVERAGE.

AREAS 4, 7, 8, AND 9 -- NO USEABLE COVERAGE.

AREA 6 -- 15 PERCENT USEABLE COVERAGE.

25X1

REMEDIOS MILITARY AREA CU 2227N 07935W

OB -- 8 PROBABLE TANKS/SP GUNS, 7 POSSIBLE TANKS/SP GUNS, 4 FA PIECES, 20 FA PIECES/AAA PIECES/MORTARS, 66 CARGO TRUCKS, AND APPROXIMATELY 100 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

25X1

CORRALILLO MILITARY AREA CU 2301N 08038W

OB -- 5 VEHICLES/PIECES OF EQUIPMENT.

NO APPARENT CHANGES IN FACILITIES.

25X1

EL CRISTO MILITARY INSTALLATION CU 2010N 07547W

OB -- 5 VEHICLES/PIECES OF EQUIPMENT.

3 NO APPARENT CHANGE IN FACILITIES.

25X1

PUERTO PADRE MILITARY AREA CU 2111N 07639W

OB -- AT LEAST 3 TANKS/SP GUNS, 6 FA PIECES, 4 PROBABLE MORTARS, AND AT LEAST 14 CARGO TRUCKS. HAZE AND CLOUD

SHADOW LIMIT INTERPRETATION.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA ARTILLERY TRAINING AREA CU 2222N 08000W

OB -- 2 FA PIECES, 12 CARGO TRUCKS, 4 CARGO TRAILERS, AND 5 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA MILITARY ACTIVITY CU 2220N 07957W

OB -- 12 CARGO TRUCKS, 1 VAN TRUCK, 2 FLATBED TRACTOR TRAILER TRUCKS, AND 1 TRUCK-MOUNTED CRANE.

ACTIVITY -- CONSTRUCTION CONTINUES ON LARGE BUILDING.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA MILITARY CAMP SOUTH CU 2222N 07958W

XOB -- APPROXIMATELY 30 CARGO TRUCKS, 3 VAN TRUCKS, 2 UTILITY TRUCKS, AND 11 CARGO TRAILERS.

NO APPARENT CHANGE IN FACILITIES.

25X1

4 LAS MERCEDES VEHICLE PARK CU 2224N 08001W

OB -- 82 CARGO TRUCKS, 15 OTHER VEHICLES/PIECES OF EQUIPMENT, AND 1 TRUCK-MOUNTED CRANE.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE WITH FIRE CONTROL RADAR.

NO APPARENT CHANGE IN FACILITIES.

25X1

NICARO LANDING BEACH CU 2042N 07533W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MOA @PUNTA GORDAN LANDING BEACH CU 2039N 07453W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1

GANUZA LANDING BEACH CU 2305N 08030W

5 NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MOA @CANANOVAS LANDING BEACH CU 2030N 07500W

CAYO DE SABINAL LANDING BEACH CU 2144N 07728W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

ALCALA MILITARY STORAGE AREA CU 2050N 07606W

5 NM WEST OF ALCALA AT 20-50-20N 076-06-20W OUTM

18QVT850046H. FACILITIES CONSIST OF 5 ARCH-ROOFED,

EARTH-COVERED, DRIVE-THROUGH BUNKERS UNDER CONSTRUCTION
AND 5 SUPPORT BUILDINGS.

NUMEROUS CONCRETE ARCH SECTIONS AND 3 LARGE VANS
OBSERVED IN THE AREA.

MAP REFERENCE -- AMS SERIES E723, SHEET 4978-I, 1ST
EDH

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

RANCHUELO SAM SITE A33-2

2223N 08010W

BAYAMO AIRFIELD EAST

2022N 07637W

BAYAMO AIRFIELD

2023N 07637W

MANZANILLO PORT

2021N 07707W

PUNTA MAISI LOW SIEVE RADAR SITE

2014N 07409W

HOLGUIN MILITARY CAMP

2053N 07613W

CAMAGUEY MILITARY CAMP

2126N 07753W

OFELIA MILITARY CAMP

2006N 07530W

PLAYA YATERITAS LANDING BEACH

1958N 07457W

IMIAS LANDING BEACH

2005N 07440W